

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE
(REV. 12-2004)

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

CMT-0016

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

NYA 10/530837

INTERNATIONAL APPLICATION NO.
PCT/KR2003/002161INTERNATIONAL FILING DATE
10/16/2003PRIORITY DATE CLAIMED
10/18/02, 10/18/02, 10/18/02,
12/16/02, 12/16/02, 1/3/03TITLE OF INVENTION:
GENE FAMILIES ASSOCIATED WITH CANCERS

APPLICANT(S) FOR DO/EO/US

Soojin LEE, Sang Seok KOH, Bogman LEE, Hyun-Ho CHUNG, Seung-Ho CHOO, Doo Seok YANG

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

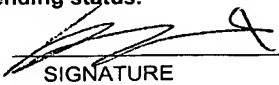
1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV582716371US
23. ☒ Other items or information:

Claim for Priority
Form PCT/IB/304
Statement Under 37 C.F.R. Sec. 1.821(f)
Limited Recognition Under 37 C.F.R. Sec. 11.9(b)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) 10/530837		INTERNATIONAL APPLICATION NO. PCT/KR2003/002161		ATTORNEY'S DOCKET NUMBER CMT-0016	
24. The following fees are submitted:				Applicant use	Office use
<input checked="" type="checkbox"/> a) Basic national fee \$300.00				\$ 300.00	
<input checked="" type="checkbox"/> b) Examination fee \$200.00				\$ 200.00	
<input checked="" type="checkbox"/> c) Search fee \$500.00				\$ 500.00	
TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
92 - 100 =	0 /50 =	0	x \$250.00	\$ 0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	36 - 20 =	16	x \$50.00	\$ 800.00	
Independent claims	3 - 3 =	0	x \$200.00	\$ 0.00	
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$ 0.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,800.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 0.00	
SUBTOTAL =				\$ 1,800.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0.00	
TOTAL NATIONAL FEE =				\$ 1,800.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$ 0.00	
TOTAL FEES ENCLOSED =				\$ 1,800.00	
Amount to be refunded:				\$	
Amount to be charged:				\$	
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.					
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>06-1130</u> in the amount of <u>\$1,800.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-1130</u> . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Soonja BAE Cantor Colburn LLP 55 Griffin Road South Bloomfield, CT. 06002 Telephone No. 860-286-2929/Facsimile No. 860-286-0115 DATED: April 8, 2005			 SIGNATURE Soonja BAE NAME PLEASE SEE ATTACHED REGISTRATION NUMBER		

10/530837

IC12 PCT/PTC 08 APR 2005

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Soojin LEE, et al.

Docket No.

CMT-0016

Application No. NYA	Filing Date 4/8/2005	Examiner NYA	Customer No. 23413	Group Art Unit NYA
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Invention: **GENE FAMILIES ASSOCIATED WITH CANCERS**

I hereby certify that the following correspondence:

PCT Application for Patent Cover Sheet Transmittal, Preliminary Amendment, Specification, Drawings, Form PCT/IB/304, Int'l Search Report, Claim for Priority, Statement Under 37 C.F.R. Sec. 1.821(f), Sequence Listing, CRF Floppy Diskette containing Sequence Listing, Limited Recognition Under 37 C.F.R §11.9 (b), Authorization to debit and/or credit deposit account #06-1130 Filing Fee-\$1,800.00, and postcard receipt

(Identify type of correspondence)

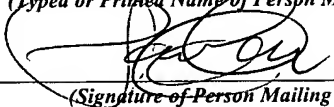
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

April 8, 2005

(Date)

Paula Currie

(Typed or Printed Name of Person Mailing Correspondence)



(Signature of Person Mailing Correspondence)

EV582716371US

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Note: Each paper must have its own certificate of mailing.

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10/530837

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JCT2 Rec'd PCT/PTC 08 APR 2005

Applicant: SOOJIN LEE, ET AL

For: GENE FAMILIES ASSOCIATED WITH CANCERS

CLAIM FOR PRIORITY

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

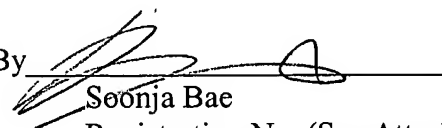
Applicant hereby claims the benefits of the filing date of October 18, 2002 to U.S. Provisional Patent Application No. 60/419,911, October 18, 2002 to U.S. Provisional Patent Application No. 60/419,912, October 18, 2002 to U.S. Provisional Patent Application No. 60/420,088, December 16, 2002 to U.S. Provisional Patent Application No. 60/434,243, December 16, 2002 to U.S. Provisional Patent Application No. 60/434,278, and January 3, 2003 to U.S. Provisional Patent Application No. 60/438,278 under provisions of 35 U.S.C. 119 and the International Convention for the protection of Industrial Property.

If any fees are due with regard to this claim for priority, please charge them to Deposit Account No. 06-1130 maintained by Applicant's attorneys.

Respectfully submitted,

CANTOR COLBURN LLP

By



Seonja Bae
Registration No. (See Attached)
Cantor Colburn LLP
55 Griffin Road South
Bloomfield, CT 06002
PTO Customer No. 23413
Telephone: (860) 286-2929
Facsimile: (860) 286-0115

Date: April 8, 2005